

20020629.qrp v02_n601.qrl.20020629

Date: Sat, 29 Jun 2002 19:03:10 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2601

QRP-L Digest 2601

Topics covered in this issue include:

- 1) [128739] Re: Ham Radio SW for the Mac Qs
by "Randy Randall" <randallr@healthall.com>
- 2) [128740] FD: Anger over "all or none" QRP rule
by "Robert Armstrong" <barmstrong@sisna.com>
- 3) [128741] FS: MFJ Cub 40M CW Transceiver
by Dave Redfearn <n4elm@attbi.com>
- 4) [128742] FT Ten tec Argonaut 515
by N4SKS@cs.com
- 5) [128743] Re: FD: Anger over "all or none" QRP rule
by Hank Kohl K8DD <k8dd@arrl.net>
- 6) [128744] Re: Anger over "all or none" QRP rule
by Ron KU7Y <mswmod@bigplanet.com>
- 7) [128745] FD: All or None Rule
by NV9Z@aol.com
- 8) [128746] TiCK 4 Help
by "Tom" <kf4yyd@adelphia.net>
- 9) [128747] Welllllll..... Re: Anger over "all or none" QRP rule
by Paul Valko <w8kc@comcast.net>
- 10) [128748] Maine AT Sat
by Steven Weber <kd1jv@moose.ncia.net>
- 11) [128749] Re: Ham Radio SW for the Mac Qs
by "James R. Duffey" <jamesd1@flash.net>
- 12) [128750] Re HTML vs Plain Text = getting closer [g]
by "wilford lindsey" <dock0evz@earthlink.net>
- 13) [128751] Re: Dad Braggin'
by "Tim, N9PUZ" <n9puz@arrl.net>
- 14) [128752] Re: TiCK 4 Help
by "Tim, N9PUZ" <n9puz@arrl.net>
- 15) [128753] Re: Ham Radio SW for the Mac Qs
by Bob Nielsen <nielsen@oz.net>
- 16) [128754] tic4 procurement and question
by Gary Lee <kb9zuv@arrl.net>
- 17) [128755] Re: tic4 procurement and question
by "Dave Fifield" <dave@redhotradio.com>
- 18) [128756] Re: tic4 procurement and question
by "Karl F. Larsen" <k5di@zianet.com>
- 19) [128757] More horror Lightning stories

- by "Walt Amos" <k8cv@netzero.net>
- 20) [128758] Re: [Elecraft] Ham Radio SW for the Mac Qs
by "Rod N0RC" <rod@n0rc.us>
 - 21) [128759] Re: tic4 procurement and question
by "John J. McDonough" <wb8rcr@arrl.net>
 - 22) [128760] Re: FD: Anger over "all or none" QRP rule
by Larry Cahoon <lejek@erols.com>
 - 23) [128761] VX0 freq shift problem
by "w8diz" <w8diz@fpqrp.com>
 - 24) [128762] K0EVZ FOX log v.1.0
by "wilford lindsey" <dock0evz@earthlink.net>
 - 25) [128763] Re: VX0 freq shift problem
by "Ray Goff" <radioham@gmx.co.uk>
 - 26) [128764] Re: [Somewnat OT]Calculating a Beam Heading..
by "Ray Goff" <radioham@gmx.co.uk>
 - 27) [128765] OT: Shipping rigs overseas
by "Mike Rioux" <mike@rioux.org>
 - 28) [128766] Re: VX0 freq shift problem
by "Trevor Jacobs" <kg6cyn@earthlink.net>
 - 29) [128767] Re: FD: Anger over "all or none" QRP rule
by Bruce Rattray <rattray@gpfn.sk.ca>

Date: Fri, 28 Jun 2002 19:27:24 -0400
From: "Randy Randall" <randallr@healthall.com>
To: <qrp-l@lehigh.edu>
Subject: [128739] Re: Ham Radio SW for the Mac Qs
Message-ID: <sd1cb8b4.045@jhs_izar.healthall.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Remember back in the early 80's when the Commadore 64 was THE ham computer. Then the PC XT clones took hold. Apple had the world in the palm of it's hand in 1984 with the original Mac, but the greed of Steve Jobs and company let Microsoft take over. Ever look inside of a 128 or 512K Mac. The hardware was nothing special at all. Easy and cheap to build. If they would have sold the Mac at a more modest profit level, we would likely all be using Macs today instead of wintel boxes. It was kinda the QRP of computers hardware wise.

73
Randy KB8ASO

>>> Brian Short <bshort4@cox.net> 06/28/02 17:43 PM >>>

Back in 1986 I bought a Mac (for writing a thesis) and ended up writing my own host mode program for PK-232.

I quickly came to realize that the ham free-/share-/soft-ware existed for the PC, primarily. There was a version of the NOS TCP/IP amateur radio software that I greatly preferred to the DOS versions, however.

Then, with the initial release of OS-X last year, I decided to try an iMac in my shack. Long story short, I returned the iMac to the store for a refund because while it was a great computer, it just could not easily serve my purposes (amateur radio).

The ubiquity of the PC platform along with the availability of software make it a logical choice for ham radio. Linux looks better and better...

At 02:29 PM 6/28/02 -0600, Rod N0RC wrote:

>Folks,

>

>The shine on the lure has dulled considerably.

>

>First off the HAM software availability seems quite limited: The best I found was:

>

> <http://www.ac6v.com/software.htm#MAC>

>

>I heard no compelling reasons to want to use any of the Mac software available.

>

>Also, the new iBooks don't have a serial port, so rig control software is problematic. There are USB to Serial converters, but success with those seems mixed.(1)

>

>Finally, by the time I got Mac versions of all the other software I now use on the PC; (Firewall, Antivirus, text editor(2), quicken...etc) I'd be out another \$500 or more.

>

>No thanks, I'll hold my current position for a while.

>

>73, Rod N0RC

>

>

>(1) This is also a problem on some WinTel machines. I have a notebook computer like this. I use Digipan for PSK-31 and drive my rig in VOX mode, works great.

>

>(2) MS Notepad is not an editor, it is a TOY! TextPad www.textpad.com

>and NoteTab www.notetab.com/ are products worthy of the "text editor"
>label. (I'm an ex vi and Emacs "power user" ;-)

--

bshort4@cox.net >or< <http://www.k7on.com/>

--

Date: Fri, 28 Jun 2002 18:35:58 -0600
From: "Robert Armstrong" <barmstrong@sisna.com>
To: <qrp-1@lehigh.edu>
Subject: [128740] FD: Anger over "all or none" QRP rule
Message-ID: <000701c21f04\$f2f3f640\$1638fea9@armstrong1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I need a reality check - please tell me if I am crazy.

I find myself very angry about the "all or none" rule for the QRP multiplier on FD.

Being a believer in QRP, I was a strong advocate for an all QRP FD for my club. I won, and I lost.

QRP CW worked great, and those of us operating CW had a great time.

BUT . . . the VHF/UHF guys and the SSB guys didn't have a good time and are angry. They wanted to run more power. Several club members told me to "stuff it" and dropped out a few days before FD because they don't believe in QRP. Many bad feelings resulted.

I don't understand why the rules won't allow QRP contacts to score as QRP and low power contacts to score as low power multipliers. Why does the entire entry have to be QRP or none at all?

Wouldn't it make as much sense to rule that one SSB contact requires ALL the contacts to score the phone multiplier instead of the CW?

I thought that one of the reasons for FD was to acquaint hams with a variety of ways to make emergency contacts. This rule pits QRP guys directly against the QRO crowd in a big way. It discourages people from trying QRP unless they are already dedicated to it.

I think we should complain to the ARRL and see if they will change this

STUPID rule. Am I crazy?

Bob, N7XJ Utah

Date: Fri, 28 Jun 2002 19:59:49 -0500
From: Dave Redfearn <n4elm@attbi.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [128741] FS: MFJ Cub 40M CW Transceiver
Message-ID: <3D1D0685.6A73D5C2@attbi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For Sale:

MFJ Cub CW transceiver

40 Meters

Built and working well, has a BNC connector added.

No manual or box.

\$75.00 OBO + shipping

73 - Dave

=====
Dave Redfearn, ARS N4ELM, McKinney, TX
Email: n4elm@NOJUNKattbi.com (to reply, remove NOJUNK)
QRL? de N4ELM/qrp

Date: Fri, 28 Jun 2002 21:23:21 EDT
From: N4SKS@cs.com
To: qrp-l@lehigh.edu
Subject: [128742] FT Ten tec Argonaut 515
Message-ID: <16a.fca443b.2a4e6609@cs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I had always wanted one of these again , now that I have it I've changed my

mind considering my new QTH etc. So.....for trade a very nice 515 argonaut
, newly greased VFO , works excellant.

Want a rig such as Kenwood TS-830 with built in power supply .

I also have a very nice HW-8 and a ten tec 1340 that I would be willing to
use as trading fodder.

Anybody interested ? Any offers ? E-mail direct please

Les K4NK

Date: Fri, 28 Jun 2002 21:35:15 -0400

From: Hank Kohl K8DD <k8dd@arrl.net>

To: barmstrong@sisna.com,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [128743] Re: FD: Anger over "all or none" QRP rule

Message-ID: <5.1.0.14.2.20020628213241.035caac0@mail.arenet.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Nope, Bob, I don't think you're crazy. I've always felt that the
multiplier for power should be by station.

But then again there are those who say FD isn't a contest, and I'm not sure
about their sanity!

72 / 73 Hank K8DD

At 6/28/02 06:35 PM -0600, Robert Armstrong wrote:

>I need a reality check - please tell me if I am crazy.

>

>I find myself very angry about the "all or none" rule for the QRP multiplier
>on FD.

[snip]

>I think we should complain to the ARRL and see if they will change this

>STUPID rule. Am I crazy?

>

>Bob, N7XJ Utah

Date: Fri, 28 Jun 2002 20:14:53 -0600

From: Ron KU7Y <mswmod@bigplanet.com>

To: barmstrong@sisna.com,

Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [128744] Re: Anger over "all or none" QRP rule
Message-ID: <004b01c21f12\$ea9c9d40\$d001d2d1@oemcomputer>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7bit

Hi Bob,

***** snip *****

I thought that one of the reasons for FD was to acquaint hams with a variety of ways to make emergency contacts. This rule pits QRP guys directly against the QRO crowd in a big way. It discourages people from trying QRP unless they are already dedicated to it.

***** snip *****

Lets look at this a bit while remembering just what FD really is.

FD isn't about how many contacts you can make. It's not about your score. In fact, you don't need to copy anything at all to send in your results! So it's sure not a contest in the "normal" confines of contest. Sending in results got started and seems to have taken on a life of it's own!

But what FD really is, is an exercise in getting on the air fast without having to depend on anyone or anything other than yourself or your group. After getting set up you need to really contact other stations just to prove to yourself that things really work or that you can overcome all the little "gotchas" that Murphy will throw in your way.

The reason is to be able to supplement or even replace commercial communications systems that might be out of service for whatever the reason. One thing that we do need to supply is ***good*** communications.

While QRP will sure cover many situations, higher power will in ***most*** cases provide a better path between stations which will reduce the errors and make for faster exchanges of information.

So while there may well be some ruffled feathers over the QRO/QRP question, the differences were shown! We, as QRPers, may not like having to admit that more power does really help things but at times that is just the truth! Just imagine FD as being a real emergency and that you really ***need*** to get that message through. It looks like the people running the SSB station would have had to QRO to get the job done. And there is nothing wrong with that.

Maybe your idea of keeping track of each QSO by power used might help to keep everyone playing and having fun.

On the other hand, I wonder what kind of a can of worms that would open up? For

a non contest FD sure creates a lot of contest related interest! :-)

OK, back in my hole.....

Ron, KU7Y
ku7y@qsl.net
Full Time RVing somewhere in the West.
Currently in Nampa, ID.

Date: Fri, 28 Jun 2002 22:24:53 -0400
From: NV9Z@aol.com
To: qrp-l@lehigh.edu
Subject: [128745] FD: All or None Rule
Message-ID: <18606256.11E8FFBF.00002FF3@aol.com>
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

The original goal of Field Day was to test emergency preparedness. To determine how efficiently we could communicate under emergency conditions in the "field" with less-than ideal antennas, and even at LOWER power levels, as would be required in times of natural disasters. It was still that way, at least in Eastern Indiana, 21 short years ago when I first became a Ham. Over the years, the focus has seemed to have changed to that of the other annual contests.

Like it or not, there are still a lot of Ops out there who think you have to run a KW in order to talk across town on 75M, let alone trying to bust a pile-up in the CQWW test (or FD for that matter). BOTTOM LINE: A lot of OPs think we QRPers are odd-balls. Consequently, we are probably always going to get the short end of the stick to certain extent.

72

Chris Blaase NV9Z QRP-L #2370 QRP-ARCI #11172 et Al
Hagerstown IN

Date: Fri, 28 Jun 2002 22:39:11 -0400
From: "Tom" <kf4yyd@adelphia.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [128746] TiCK 4 Help
Message-ID: <007c01c21f16\$276bc130\$9865fea9@yourze8cxvr8tt>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello All,

I'm trying to understand the TiCK 4 keyer. I don't have the assembly instructions anymore due to having a bad filing system at the time I built it, but...

Whenever I plug a 1/8" mono plug into the paddles jack the keyer goes crazy and starts 'sending' a bunch of dits until it finally goes in to overdrive and I pull the 9 volt. If I back it out slightly and only let the tip of the plug make contact it 'works' correctly I guess. I have looked at my soldering and don't see anything wrong such as solder bridges or anything so I don't know what I am doing wrong. Depending on how far in I insert the plug and without having any thing connected to the other end of the cable i.e. two unterminated wires I can get it to 'send' either dits or dahs by shorting the two ends together.

The reason I was doing this was I don't have a set of paddles and was trying to set it up for the straight key mode. Of course I can't et it to send the SK while holding in the mode pushbutton it only sends S,T,A and K. Any suggestions?

Thanks in advance
Tom kf4yyd

Date: Fri, 28 Jun 2002 22:40:08 -0400
From: Paul Valko <w8kc@comcast.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [128747] Welllllll..... Re: Anger over "all or none" QRP rule
Message-ID: <001401c21f16\$48ed2d80\$6401a8c0@hamshack>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

> Being a believer in QRP, I was a strong advocate for an all QRP FD for my
> club. I won, and I lost.
> QRP CW worked great, and those of us operating CW had a great time.
> BUT . . . the VHF/UHF guys and the SSB guys didn't have a good time and
are
> angry. They wanted to run more power.

You have to decide what pill to swallow. I kind of agree with your friends for the reason that they wanted to have fun. In a "contest" like FD, NOT

making zillions of contacts is NOT FUN to many people including this die-hard QRP op.

On the other hand, some find it fun to rack up a HUGE score by running QRP BATTERY. The club I belong to does the world's largest QRP Field Day. It was 28A this year. They ALWAYS place in the TOP TEN scores for FD. They decided that they would have the most fun by getting all those QRP BATTERY bonus points - I think each CW QSO is 10 points while each phone contact is 5 points... they shoot for the top-ten each year.

The 10 meter SSB station was DELIGHTED that they made 64 contacts this year. Heck... with 100 watts on FD you oughta be able to make 64 contacts EACH HOUR while 10 is open, assuming you can hold a frequency. All us QRP fans know it's pretty dang hard to hold a freq during FD running QRP. Oh... keep in mind, for 90% of the club, this is the ONLY contest they operate. Most of the club are fairly new-to-HF hams and a lot of 2M FM repeater creatures. Very few CW stations... lots of SSB and digital modes.

The point is THEY had FUN doing it their way. They had a total BLAST.

Now... I don't agree with some of what the club does for FD. But I don't pout about it. I operated 1B with an FT-817 from a state park in norther Michigan. Made a few contacts and had some fun. You will probably do the same next year and the High Power ops will have fun too.

We should continue to expose friends to QRP, but we should not shove it down their throats :-)

73 =paul= W8KC

Date: Fri, 28 Jun 2002 22:54:32 -0400
From: Steven Weber <kd1jv@moose.ncia.net>
To: atrail@yahoogroups.com
Cc: qrp-l@lehigh.edu
Subject: [128748] Maine AT Sat
Message-ID: <3.0.6.32.20020628225432.007ab410@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The weekend Wx looks good, cooler, less humid and no T storms, so will be heading over to Maine and up to my favorate spot, Baldpate shelter.

Excerpt to be on after dinner Saturday, about 23:00 (7 pm EDT) on 20M. Will try about 14.055 or so. Then will go to 30M after sunset. Will be trying a "44er" feed with 75 ladder line.

Would like to try starting to contact stations in other AT states, ie, ME, NH, VT, MA, CT, NY, NJ, PA, MD, VA, NC and GA to start on the EPAQRP trail award, but of course, would also like to contact anyone :-)

Hope to catch some of you on the air!

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Fri, 28 Jun 2002 20:52:45 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: <qrp-1@lehigh.edu>, <rod@n0rc.us>
Subject: [128749] Re: Ham Radio SW for the Mac Qs
Message-ID: <B9427D1C.17F2D%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Rod - I use the following Mac Software for Ham (QRP) purposes:

MacCRO A 2 channel oscilloscope and spectrum analyzer. This is shareware and very versatile. One can ratio the two channels for example. Very nice for filter measurements. There are other audio measurement programs as well. Some are better than others. I have used this one for measurements of active filters and have posted many of the results here.

HamLogger for Logging. This is a nice piece of software and free unless you want to be able to calculate beam headings or access the call sign data base. I used this in the Fox Hunt one year. It is based on Filemaker Pro and has lots of useful functions

MacSpice for circuit analysis. This is free. Just as good as anything you will find at the same price for a PC.

SatTrak for satellite tracking, beam heading and propagation prediction. This is shareware. There are better satellite trackers out there.

This is all done with System 8 or 9. I have OSX, but am putting off installing it until my oldest daughter goes off to college and I get back some disk space. Pluys, I will have one less user to support.

I have used Multi Mode for RTTY, CW, and PSK31. It is a bit pricy for my taste, but a demo version is available. The demo version does announce itself as such every so often. In my experience the RTTY worked best.

Chris Smolinski also puts out a DSP program.

I also have an audio program that provides various filtering functions, but I can't recall the name. For my money a dedicated filter is to be preferred over dedicating a computer to this function.

The PSK31 C code is available on the net, so it shouldn't take too much to implement a Mac version of this.

One can also get a compiled version of NEC2 for the Mac, including OS X, from the Unofficial NEC site.

I have also used MacMiniNEC for QRP antenna modeling.

Have you checked out FINK? It is a program to compile UNIX programs so that they can run under MacOSX. They also have available a list of the UNIX programs that people have compiled to run under OSX. I haven't checked to see if there are any ham radio programs.

Chipmunk Basic (free) will run a lot of the old Ham BASIC programs for the Mac.

I use MathPad for calculations, some related to Ham Radio. It is a powerful calculating tool with good graphics. Best of all it is free. Try it. It does many things better than a spreadsheet and can import/export data. I have done a lot of radial ground calculations on it, some of which I have posted to this list.

BEdit is a great text editor. It has lots of functions that make editing html trivial. You won't find anything like it in the PC world. I did my Web Page on it.

The big advantage to OS X is that one can have a UNIX box with a command line interface and a graphical interface to commonly used software (such as Office) in one box and can switch between the two without rebooting. Finally, the two boxes on many UNIX users desk can be replaced with a single box. The PC can't do this, and as a result, rather than rebooting the machine to go from one operating system to another, most Unix users keep a separate box on their desk. With OS X one can finally get rid of the "other" box. If history is any indicator, the PC will probably look like this someday, but it will take a few years. Since OS X is built over a standard BSD kernal, you could see OS X on the PC before Microsoft picks up on this idea.

There is a Ham-Mac list that you might want to join and ask the same question.

I hope that this helps. - Dr. Macacycle KK6MC/5

--

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Fri, 28 Jun 2002 22:18:27 -0500
From: "wilford lindsey" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [128750] Re HTML vs Plain Text = getting closer [g]
Message-ID: <412002662931827996@earthlink.net>
MIME-Version: 1.0
Content-Type: text/html; charset=US-ASCII

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<HTML><HEAD>
<META http-equiv=Content-Type content="text/html; charset=windows-1251">
<META content="MSHTML 6.00.2600.0" name=GENERATOR></HEAD>
<BODY>
<P>
<DIV></DIV>
<DIV>Gang:</DIV>
<DIV>&nbsp;</DIV>
<DIV>Gotta thank a lot of folks for responding to my question re HTML.&nbsp;  
Believe I have nearly everything set in Outlook and Outlook Express to SEND and
FORWARD *only* in plain text.&nbsp;   Man oh man, there are a bunch of settings to
be aware of.&nbsp;  &nbsp; Please keep those cards and letters coming [g]--I still
have a lot learn about all this.</DIV>
<DIV>&nbsp;</DIV>
<DIV>73,</DIV>
<DIV>--Doc/K0EVZ</DIV>
<DIV>&nbsp;</DIV>
<DIV>--- <A href="mailto:dock0evz@earthlink.net">dock0evz@earthlink.net</A></DIV>
<DIV>--- EarthLink: The #1 provider of the Real Internet.</DIV>
<DIV>&nbsp;</DIV>
<P></P></BODY></HTML>
```

Date: Fri, 28 Jun 2002 22:13:52 -0500
From: "Tim, N9PUZ" <n9puz@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [128751] Re: Dad Braggin'
Message-ID: <200206290316.WAA29153@steel.eosinc.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

On Fri, 28 Jun 2002 16:55:43 -0500, Darrel Swenson wrote:

>My 13 year old daughter got her ham callsign yesterday...
>KCONQJ... She passed her technician test a couple of weekends=
ago at
>the Iowa QRP State Convention at the Sioux City Hamfest.

>Kristin lives in another city, about 150 miles away, with her
>mother. I usually only get to see her about one weekend a=
month. I
>really didn't get a chance to help her study much... other than
>answering a couple of questions... she did this all on her own!

>I'M REALLY PROUD OF HER... and just wanted to brag for a=
minute...
>thanks for the bandwidth.

Sounds to me like you'll soon be able to have a very important=
sked a
few times a week.

Tim N9PUZ

Date: Fri, 28 Jun 2002 22:31:42 -0500
From: "Tim, N9PUZ" <n9puz@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [128752] Re: TiCK 4 Help
Message-ID: <200206290326.WAA29393@steel.eosinc.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

On Fri, 28 Jun 2002 22:39:11 -0400, Tom wrote:

>Whenever I plug a 1/8" mono plug into the paddles jack the=
keyer
>goes crazy and starts 'sending' a bunch of dits until it=
finally

I'm not familiar with this keyer but if the jack is designed for=
paddles it's a stereo jack. Plugging in a mono plug will short
something and is why the stream of dits is being sent. I'm=
guessing
when you press the straight key it goes into it's default iambic=
mode
too if there is one.

Tim N9PUZ

Date: Fri, 28 Jun 2002 21:59:32 -0700
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [128753] Re: Ham Radio SW for the Mac Qs
Message-ID: <20020629045932.GA7875@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Fri, Jun 28, 2002 at 08:52:45PM -0600, James R. Duffey wrote:

>
> The big advantage to OS X is that one can have a UNIX box with a command
> line interface and a graphical interface to commonly used software (such as
> Office) in one box and can switch between the two without rebooting.
> Finally, the two boxes on many UNIX users desk can be replaced with a single
> box. The PC can't do this, and as a result, rather than rebooting the
> machine to go from one operating system to another, most Unix users keep a
> separate box on their desk. With OS X one can finally get rid of the "other"
> box. If history is any indicator, the PC will probably look like this
> someday, but it will take a few years. Since OS X is built over a standard
> BSD kernal, you could see OS X on the PC before Microsoft picks up on this
> idea.

The PC can do this (with a change of OS). I am not familiar with other
versions of Unix, but in Linux one can switch between one or more
graphical screens (running X) and one or more text screens with a
simple key combination. You can even run MS-DOS and Windows
applications in a number of ways without rebooting. I'm running
Win4Lin on my Linux box, which allows me to run almost all Windows
applications. There are also VMware, Bochs and Wine. In addition,
many graphical applications which run natively in Linux are quite
similar to popular Windows applications. OpenOffice can do most of
what Office does. Linux has been ported to several non-PC platforms as
well, including Macs.

73,
Bob, N7XY

Date: Sat, 29 Jun 2002 00:06:34 -0500
From: Gary Lee <kb9zuv@arrl.net>
To: qrp-l@lehigh.edu
Subject: [128754] tic4 procurement and question
Message-ID: <3.0.6.32.20020629000634.007e3600@mailhost.ind.ameritech.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have a norcal 20 just perched. So far I like the rig very well, except I have only a straight key. From email from Dave Fifield, I understand that the tic4 is a direct replacement for the tic chip, and will remember its settings.

If this is true, where do I get one of these, and is "tic4" the proper nomenclature when asking for/ordering?

Thanks for the help.

Gary Lee
kb9zuv

Date: Sat, 29 Jun 2002 00:40:48 -0700
From: "Dave Fifield" <dave@redhotradio.com>
To: <kb9zuv@arrl.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [128755] Re: tic4 procurement and question
Message-ID: <003901c21f40\$4fc62970\$0400a8c0@AD6A>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The name's Dave Fifield, nice to meet you.
You can order a TiCK 4 from Embedded Research.
Find all the details at: <http://www.embres.com/>

Cheers es 72,
Dave Fifield, AD6A

----- Original Message -----

From: "Gary Lee" <kb9zuv@arrl.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Friday, June 28, 2002 10:06 PM

Subject: tic4 procurement and question

> I have a norcal 20 just perchased. So far I like the rig very well, accept
> I have only a streight key. From email from Dave Hifield, I understand
> that the tic4 is a direct replacement for the tic chip, and will remember
> its settings.

>

> If this is true, where do I get one of these, and is "tic4" the proper
> nomenclature when asking for/ordering?

>

> Thanks for the help.

>

> Gary Lee

> kb9zuv

>

Date: Sat, 29 Jun 2002 05:52:54 -0600 (MDT)

From: "Karl F. Larsen" <k5di@zianet.com>

To: Dave Fifield <dave@redhotradio.com>

Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>

Subject: [128756] Re: tic4 procurement and question

Message-ID: <Pine.LNX.4.44.0206290548020.1568-1000000@Daisy.dog>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Dave, I think the confusion lies in the fact that to convert a norcal 20 from TiCK 1 to TiCK 4 you buy another 8 pin e-prom from the URL below and take out the old chip and replace it with the one you bought. Sounds like a 10 minute job and it is. You want to buy only the chip, not the kit.

On Sat, 29 Jun 2002, Dave Fifield wrote:

> The name's Dave Fifield, nice to meet you.

> You can order a TiCK 4 from Embedded Research.

> Find all the details at: <http://www.embres.com/>

>

> Cheers es 72,

> Dave Fifield, AD6A
>
> ----- Original Message -----
> From: "Gary Lee" <kb9zuv@arrl.net>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Friday, June 28, 2002 10:06 PM
> Subject: tic4 procurement and question
>
>
> > I have a norcal 20 just purchased. So far I like the rig very well, accept
> > I have only a streight key. From email from Dave Hifiield, I understand
> > that the tic4 is a direct replacement for the tic chip, and will remember
> > its settings.
> >
> > If this is true, where do I get one of these, and is "tic4" the proper
> > nomenclature when asking for/ordering?
> >
> > Thanks for the help.
> >
> > Gary Lee
> > kb9zuv
> >
>
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Sat, 29 Jun 2002 09:21:17 -0400
From: "Walt Amos" <k8cv@netzero.net>
To: "Qrp-L Posts" <qrp-l@lehigh.edu>
Subject: [128757] More horror Lightning stories
Message-ID: <001e01c21f6f\$daad0c00\$34233b41@waltamos>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "Hartland Smith" <hartsmith@earthlink.net>
To: "Walt Amos" <k8cv@netzero.net>

Sent: Friday, June 28, 2002 10:01 PM
Subject: Re: Fw: Lightning

> Yes it was W8IBA. The roof actually was lifted off the house! A TV ant
in
> the attic looked like cooked spaghetti. All melted out of shape. The
> basement was flooded by a hole blown in the cold water pipe. All that was
> left of his co-ax was a hollow black tube. All a.c. switches were welded.
> His house had to be completely redecorated due to being smoked up.
Rafters at
> one end caught fire. Attic door was blown open. The guy across the
street
> was entering his house at the time and his hair stood on end.
>
> Hart
>
> Walt Amos wrote:
>
> > Who was that w8iba in Berkley ? You remember all that
> > trivia stuff :-)
>

Date: Sat, 29 Jun 2002 07:31:48 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: "qrp-1" <qrp-1@lehigh.edu>, <elecraft@mailman.qth.net>
Subject: [128758] Re: [Elecraft] Ham Radio SW for the Mac Qs
Message-ID: <006501c21f71\$528af880\$6501a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

As a result of these statements I'm getting recommendations for text
editor, and other software. Let me clarify a point or two:

1. I'm no longer in the market for a Mac
2. I'm not in the market for software of any kind, for any platform.
3. Seems that text editors are a religion, (or maybe a politic party,
I can never remember which ;-)) I'm guilty of it too. Every time I
mention text editors, MS Notepad comes up as an alternative because it

is free--recall what you Mom taught you: "...you get what you paid for..." 'nuff said. Notepad is only one step above a manual type writer. Try one of the two I mention and you'll see what I mean. I mentioned vi and Emacs only for historical context, so that you would have a point of reference for my evaluation criteria.

4. I'm not in the market to switch to ANY new PC/OS combo. I'm sticking with WinXP. That is not a religious/political statement about the ultimate goodness/badness of any of them. It is a optimal pragmatic solution for a long list of criteria that has absolutely no reason to be discussed on QRP-L or the Elecraft list. ;-)

Time to close this thread down, it is straying out of the bounds QRP Radio Land.

73, Rod N0RC

----- Original Message -----

From: "Rod N0RC" <rod@n0rc.us>

To: "qrp-l" <qrp-l@Lehigh.EDU>; <elecraft@mailman.qth.net>

Sent: Friday, June 28, 2002 2:29 PM

Subject: Re: [Elecraft] Ham Radio SW for the Mac Qs

>
> Finally, by the time I got Mac versions of all the other software I
> now use on the PC; (Firewall, Antivirus, text editor(2),
> quicken...etc) I'd be out another \$500 or more.
>
> ...
>
> (2) MS Notepad is not an editor, it is a TOY! TextPad
www.textpad.com
> and NoteTab www.notetab.com/ are products worthy of the "text
editor"
> label. (I'm an ex vi and Emacs "power user" ;-)

Date: Sat, 29 Jun 2002 10:01:47 -0400

From: "John J. McDonough" <wb8rcr@arrl.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Cc: <kb9zuv@arrl.net>

Subject: [128759] Re: tic4 procurement and question
Message-ID: <001f01c21f75\$83cd4de0\$010044c0@chartermi.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

My NC-20 has the TiCK 4 and it is, in fact, just a plug in.

The 4 does remember it's settings, but it does not remember the stored messages (the TiCK 4 has 2 memories for messages).

As Dave pointed out, the TiCK parts are available from Embedded Research, but you quite often see them other places. I seem to remember seeing messages that Embedded Research has been a little slow lately, so if you are near a big hamfest coming up, you might try that first. I got my last TiCKs a few years ago, and the response was pretty good, but I have no recent experience to report.

I always found it very annoying that the message memory isn't preserved, but recently I've done my own PIC based keyer, and even though I didn't need to run for years off a mercury cell, I found it very tricky to store the message in FLASH. I suspect that in the PIC's lower power configuration, it may not be possible. (No, my keyer isn't a drop-in replacement and it won't work in an NC-20!)

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Gary Lee" <kb9zuv@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, June 29, 2002 1:06 AM
Subject: tic4 procurement and question

> I have a norcal 20 just perched. So far I like the rig very well,
> accept
> I have only a streight key. From email from Dave Hifield, I understand
> that the tic4 is a direct replacement for the tic chip, and will remember
> its settings.
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> If this is true, where do I get one of these, and is "tic4" the proper
> nomenclature when asking for/ordering?
>
> Thanks for the help.
>

> Gary Lee
> kb9zuv
>

Date: Sat, 29 Jun 2002 15:47:20 +0000
From: Larry Cahoon <lejek@erols.com>
To: barmstrong@sisna.com,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [128760] Re: FD: Anger over "all or none" QRP rule
Message-ID: <5.1.0.14.0.20020629151350.0291dec0@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

You are not crazy Bob.

What I would say is that many hams are just not interested in QRP - especially if they work on the phone side. So within a club it is going to be hard to get they guys to agree to all QRP. If they do the greater frustration of QRP on the phone bands makes for less enjoyment for them. The bottom line, despite what noble purposes we might want to claim, most are not going to do FD unless there is some real fun in it for them.

There is no major contest where QSO points are dependent on the power levels for each QSO. The general rule is always you are in the class that matches the highest power level you are run. Only a few of the QRP contests do vary from this model.

However it may be worth trying to make a case with the ARRL to change this for field day. They might find it an interesting approach. I've long thought that they 100 bonus points for running alternate power was much to low. I can get the same points for ten QRP Battery QSOs. The downside of this is that you risk losing the QRP class altogether. I think I could go allowing designated QRP stations for the club - All QSOs made from those station get the QRP/Battery points. I would broaden it to say that each station accumulates points according to it's class. Then the guy running off of emergency power at 100 watts gets more point than the fellow running commercial power at 100 watts. I might even scale to points based on some criterion on how much of an emergency setup each station was. I'd give the mobile stations more points as well since they can server a real purpose in an emergency situation. I do think this system quickly get so complicated in the scoring that no one may buy into it.

I threatened last year to run side by side with my club - I'd do QRP they could do what they wanted. We look at the scores afterwards. I backed out when the other club CW operation failed to show up at FD. This year I got

on the local repeater the Tuesday prior to FD, he went into a quick statement there was no way he was going to do QRP phone - then challenged me to beat him. I jumped at the chance. So the club ran two operations from the same site. I did the QRP CW battery/solar - and everyone else did either phone or rtty 100 watts from commercial or battery power.

Everyone is supposed to send me the logs. I'll bug them for them for a few weeks. I really don't expect to see them. Then I'll claim they were so embarrassed that they were afraid to show how badly they did. We will all have fun doing this.

73 de Larry.....WD3P in MD
<http://www.wd3p.net/>

Date: Sat, 29 Jun 2002 12:06:07 -0400
From: "w8diz" <w8diz@fpqrp.com>
To: <qrp-l@lehigh.edu>, <fpqrp-l@fpqrp.com>
Subject: [128761] VX0 freq shift problem
Message-ID: <00f401c21f86\$f1080ab0\$39d81b41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

To those of you that have designed VX0 circuits...I need some help...

As I change the varactor voltage from min to max, about half way the frequency of the VX0 jumps. Almost as if the circuit said goodbye to one XTAL and hello to the other XTAL. I tried several sets of XTALs, including some that were matched. Still have the freq jump problem. The frequency jumps about 2 KHz, and NO, it's not a bad tune pot :-)
Also tried various C2/C3 ratios with no change. Here is the circuit:

<http://65.27.216.57:81/vxo.gif>

I will reduce the inductance of L1 next, but I need at least 1 KHz per XTAL Mhz of tuning range; a minimum of 8 KHz at 8.182 MHz.
The load on the output is greater than 1K

Any ideas???????

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio

Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W
SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26
FP#-1 <http://home.cinci.rr.com/w8diz> & <http://kitsandparts.com>

Date: Sat, 29 Jun 2002 11:19:44 -0500
From: "wilford lindsey" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>,
"Tom Palmer" <ThomasPalmer@colliergov.net>,
Subject: [128762] K0EVZ FOX log v.1.0
Message-ID: <4120026629161944311@earthlink.net>
MIME-Version: 1.0
Content-Type: text/html; charset=US-ASCII

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

<DIV>--- EarthLink: The #1 provider of the Real Internet.</DIV>
<DIV> </DIV>
<P></P></BODY></HTML>

Date: Sat, 29 Jun 2002 18:05:47 +0100
From: "Ray Goff" <radioham@gmx.co.uk>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [128763] Re: VX0 freq shift problem
Message-ID: <000f01c21f8f\$36f55f70\$76f40350@starfishrcg>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>
> To those of you that have designed VX0 circuits...I need some help...
>

Simple question, does it still jump with just one Xtal installed in the circuit? I know the pull will probably be less, but does it jump?

This would be a good pointer to whether it is the interaction of the two crystals or another external circuit influence.

73/72's de Ray, g4fon

Date: Sat, 29 Jun 2002 18:09:42 +0100
From: "Ray Goff" <radioham@gmx.co.uk>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [128764] Re: [Somewnat OT]Calculating a Beam Heading..
Message-ID: <002a01c21f8f\$c314f470\$76f40350@starfishrcg>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi,

Thanks to all of you who responded to my Beam Heading question, I was able to find a formula which seems to do the job!

72

Ray, g4fon

Date: Sat, 29 Jun 2002 17:36:36 -0000
From: "Mike Rioux" <mike@rioux.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [128765] OT: Shipping rigs overseas
Message-ID: <ODELIIACNFAHFGDIJNOKCEMFEAAA.mike@rioux.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Anyone had experience shipping a rig overseas to Europe? If I sell
to someone in Europe what are the gotchas? Thanks,
Mike W1USN

Date: Sat, 29 Jun 2002 11:05:21 -0700
From: "Trevor Jacobs" <kg6cyn@earthlink.net>
To: <w8diz@fpqrp.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [128766] Re: VX0 freq shift problem
Message-ID: <008101c21f97\$89798340\$0be9b3d1@tjnotebook>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Diz,

Might be that the varactor that you have chosen is very non-linear and jumps
in value at that point. Have you measured the voltage at the point where it
jumps? I'd measure the voltage and then compare it to the voltage vs.
capacitance chart for this varactor (sorry, don't have that info handy, but
it can be found on the web). One other thing that you could try is
substituting an air variable for the varactor circuit to see if you get the
same effect. Good luck and let us know how it progresses.

73's Trev KG6CYN

----- Original Message -----

From: "w8diz" <w8diz@fpqrp.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Saturday, June 29, 2002 9:06 AM

Subject: VXO freq shift problem

> Hi Gang,

>

> To those of you that have designed VXO circuits...I need some help...

>

> As I change the varactor voltage from min to max, about half way
> the frequency of the VXO jumps. Almost as if the circuit said goodbye to
> one XTAL and hello to the other XTAL. I tried several sets of XTALs,
> including some that were matched. Still have the freq jump problem.
> The frequency jumps about 2 KHz, and NO, it's not a bad tune pot :-)
> Also tried various C2/C3 ratios with no change. Here is the circuit:

>

> <http://65.27.216.57:81/vxo.gif>

>

> I will reduce the inductance of L1 next, but I need at least 1 KHz
> per XTAL Mhz of tuning range; a minimum of 8 KHz at 8.182 MHz.

> The load on the output is greater than 1K

>

> Any ideas???????

>

> 72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio

> Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W

> SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26

> FP#-1 <http://home.cinci.rr.com/w8diz> & <http://kitsandparts.com>

>

>

>

Date: Sat, 29 Jun 2002 12:34:57 -0600 (CST)

From: Bruce Rattray <rattray@gpfn.sk.ca>

To: Larry Cahoon <lejek@erols.com>

Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>

Subject: [128767] Re: FD: Anger over "all or none" QRP rule

Message-ID: <Pine.LNX.4.33.0206291218310.27472-100000@neale.gpfn.sk.ca>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I've tried for 4 years now to get our local Regina amateur radio club to

do QRP on Field Day but it just doesn't happen...every time I get a "serious" discussion about it going, I can sense their hesitation in doing it...our club often takes the top score for Saskatchewan and sometimes does very well across Canada in the 3A category...

...many of the club amateurs who have operated in FD for many years feel the minimum should be 100 watt rigs...they also feel that new amateurs coming out to FD for the first time would become discouraged running QRP especially using SSB...there just seems to be an attitude against it here...

...of course our location doesn't help...this is a sparse area for amateur radio as the entire province only has a little over 1000 hams in it at this present time...it's not like say Ontario or the eastcoast where one can run 40 and 80 mtrs all day making contacts...out here we run 40 through 10 mtrs...no 6 mtrs, no 160 mtrs and we get a very few contacts on 80 mtrs...so there's a feeling that we need power higher than QRP to work every contact we can on 40 through 10 mtrs and hope that 15 and 10 mtrs really open up...

...BUT this year I took my working K2 out for Show & Tell and a number of ops looked it over, tuned it around and asked me questions about it...the K2 certainly got their interest and often the comment was that it was a really "neat" rig...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

End of QRP-L Digest 2601

